



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

Element Materials Technology Food US LLC
12003 N.E. Ainsworth Circle, Suite 105, Portland, OR 97220

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Biological and Chemical Testing
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

Initial Accreditation Date:

June 05, 2014

Issue Date:

March 18, 2023

Expiration Date:

May 31, 2025

Revision Date:

May 10, 2024

Accreditation No.:

52833

Certificate No.:

L23-228-R1

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjilabs.com



Certificate of Accreditation: Supplement

Element Materials Technology Food US LLC

12003 N.E. Ainsworth Circle, Suite 105, Portland, OR 97220

Contact Name: Mr. Cameron Atherton Phone: 503-253-9136

Accreditation is granted to the facility to perform the following testing:

FLEX CODE	FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED
F1, F4	Biological ^F	Food products, Environmental, Water and Supplements	Aerobic Plate Count	FDA BAM Online Ed. Ch. 3; CMMEF 4 th Ed. Ch. 6.3 & 7.0 (Modified)	Pour Plate
F1, F2			Aerobic Plate Count	AOAC 2015.13	Petrifilm
F1, F4			Yeast and Mold	FDA BAM Online Ed. Ch. 18; CMMEF 4 th Ed. Ch. 20.2; CMMEF 3 rd 16.52 (Modified)	Pour Plate
F1, F2			Yeast and Mold Rapid	AOAC RI 121301	Petrifilm
F1, F2			Coliform	AOAC 991.14	
F1, F2			E. coli		
F1, F2			Enterobacteriaceae	AOAC 2003.01	
F1, F2			STEC	AOAC RI 091301	BAX RT-PCR
F1, F2			<i>Salmonella</i>	AOAC R1 080601	ELISA
F1, F2				AOAC 2003.09	BAX PCR
F1, F2				AOAC RI 051303	SureTect PCR
F1, F2			<i>Listeria</i>	AOAC RI 020401	ELISA
F1, F2				AOAC RI 030502	BAX PCR
F1, F2				AOAC RI 071304	SureTect PCR
F1, F2			<i>Listeria monocytogenes</i>	AOAC 2003.12	BAX PCR
F1, F2				AOAC RI 061302	SureTect PCR
F1, F2				<i>E. coli O157:H7</i>	AOAC RI 070801
F1, F2			AOAC RI 050501		PCR
F1, F2			AOAC RI 021501		SureTect PCR
F1, F2			Food products	Staphylococcus aureus (Petrifilm)	AOAC 2003.07 AOAC 2003.08
F1, F2	Food products, Environmental, And Supplements	Enterococcus spp.	CMMEF Ch. 10	Pour Plate	
F1, F2	Chemical ^F	Food products, Environmental, Water and Supplements	Ash	AOAC 923.03	Gravimetric
F1, F2			Moisture	AOAC 925.10	Gravimetric
F1, F4			Minerals: Sodium Potassium Calcium Iron	EPA 7000B (modified)	FAA



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F1, F4	Chemical ^F	Food products, Environmental, Water and Supplements	Heavy Metals: Arsenic Lead Cadmium Chromium	EPA 7010 (Modified)	GFAA
F1			Sorbic Acid/Benzoic Acid	SOP C250 rev. 5	HPLC
F1, F4			Vitamin C	Journal of Chromatography A, 881 (2000) 309-316 (modified)	
F1, F2			Water Activity	AOAC 978.18	Water Activity Meter
F1, F2			pH	AOAC 981.12	pH meter
F1, F2			Food products, Environmental, and Supplements	Allergens: Milk	3M Method
F1, F2		Allergens: Gluten Peanut		AOAC RI 061201 AOAC RI 030403	Neogen Kit
F1, F2		Food products, And Supplements	Protein	AOAC 981.10 Dumas AOAC 990.03	Total Kjeldahl Nitrogen Combustion
F1, F2		Food products	Cholesterol	AOAC 994.10 (Modified)	GC/FID
F1, F2		Food products, And Supplements	Saturated/Trans Fat	AOAC 996.06 (Modified)	
F1, F2			Fat	AOAC 922.06 AOAC 960.39	Acid Hydrolysis Soxhlet
F1		Sugar Profile	SOP N400 Rev.5	GC/FID	
F1, F2		Total Dietary Fiber	AOAC 991.43	Enzymatic Gravimetric	
F1, F2	Vitamin D	AOAC 2002.05 (Modified)	HPLC		

- The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location.
- Flex Code:
 - F1-Introduction of the testing of a new item, material, matrix, or product for an accredited test method
 - F2-Introduction of a new version of an accredited standard method (with no modifications)
 - F3-Introduction of a new parameter/component/analyte to an accredited test method
 - F4-Introduction of a new version or modifications of an accredited non-standard method
 - F5-Introduction of a new method that is equivalent to an accredited method (using same technology or technique)